Code	Practice	Component	Units	Unit Cost
311	Alley Cropping	3 row alley cropping	ac	$72.42
314	Brush Management	Hand tools, Woody Vegetation	ac	$32.68
314	Brush Management	Hand Tools and Chemical Treatment	ac	$48.36
314	Brush Management	Mechanical, Light Equipment	ac	$12.11
314	Brush Management	Mechanical, Heavy, > 4 Inches DBH	ac	$70.78
314	Brush Management	Light Mechanical and Chemical	ac	$49.24
314	Brush Management	Chemical, Individual Plant Treatment	ac	$21.84
314	Brush Management	Chemical, Intense Individual Plant Treatment	ac	$81.76
314	Brush Management	Chemical, Aerial Applied	ac	$7.48
314	Brush Management	Mechanical, Medium 2 to 4 Inch DBH	ac	$48.42
315	Herbaceous Weed Control	Hand Tools, Herbaceous vegetation	ac	$15.61
315	Herbaceous Weed Control	Chemical, Spot	ac	$8.19
315	Herbaceous Weed Control	Mechanical	ac	$12.11
315	Herbaceous Weed Control	Chemical, Aerial	ac	$6.47
315	Herbaceous Weed Control	Forest Herbaceous Chemical Ground	ac	$19.24
315	Herbaceous Weed Control	Chemical, Ground	ac	$3.42
319	On-Farm Secondary Containment Facility	Concrete Containment Wall	CuYd	$126.80
319	On-Farm Secondary Containment Facility	Earthen Containment	CuYd	$14.51
319	On-Farm Secondary Containment Facility	Single Wall Tank Replacement With A Double Wall Tank or Dike Tank	gal	$0.56
319	On-Farm Secondary Containment Facility	Corrugated Metal Wall Containment	sq ft	$2.98
319	On-Farm Secondary Containment Facility	Double Wall Tank	gal	$0.14
319	On-Farm Secondary Containment Facility	Modular Block Containment Wall	sq ft	$3.15
324	Deep Tillage	Deep Tillage less than 20 inches	ac	$2.38
324	Deep Tillage	Deep Tillage more than 20 inches	ac	$6.48
327	Conservation Cover	Pacific Islands Conservation Cover	ac	$18.92
327	Conservation Cover	Orchard or Vineyard Alleyways	ac	$11.48
327	Conservation Cover	Caribbean Area Conservation Cover Introduced Species	ac	$18.84
327	Conservation Cover	Introduced Species	ac	$16.80
327	Conservation Cover	Native Species	ac	$18.82

Code	Practice	Component	Units	Unit Cost
327	Conservation Cover	Caribbean Orchard or Vineyard Alleyways	ac	$18.84
327	Conservation Cover	Monarch Species Mix	ac	$148.25
327	Conservation Cover	PIA - Grass/Legume Establishment	ac	$101.68
327	Conservation Cover	Pollinator Species	ac	$104.89
328	Conservation Crop Rotation	Basic Rotation Organic and Non-Organic	ac	$1.31
328	Conservation Crop Rotation	Specialty Crops Organic and Non-Organic	ac	$3.48
328	Conservation Crop Rotation	Rice Residue Management for Waterfowl	ac	$0.39
329	Residue and Tillage Management, No Till	No-Till/Strip-Till	ac	$2.03
329	Residue and Tillage Management, No Till	No Till Adaptive Management	Ea	$344.77
333	Amending Soils with Gypsum Products	Gypsum less than 1 ton per acre	ac	$3.82
333	Amending Soils with Gypsum Products	Gypsum greater than 1 ton rate	ac	$6.45
334	Controlled Traffic Farming	Controlled Traffic	ac	$6.09
338	Prescribed Burning	Understory Burn	ac	$8.33
338	Prescribed Burning	Volatile fuels < 4 ft tall	ac	$5.09
338	Prescribed Burning	Herbaceous Fuel	ac	$3.83
338	Prescribed Burning	Volatile fuels > 4 ft tall	ac	$6.29
338	Prescribed Burning	Site Preparation	ac	$18.09
340	Cover Crop	Cover Crop - Basic (Organic and Non-organic)	ac	$8.46
340	Cover Crop	Caribbean Legume Cover Crop	ac	$19.64
340	Cover Crop	Pac. Island Area Cover Crop	ac	$27.44
340	Cover Crop	Cover Crop - Multiple Species (Organic and Non-organic)	ac	$9.89
340	Cover Crop	Cover Crop - Adaptive Management	Ea	$283.54
342	Critical Area Planting	US Virgin Islands Critical Area Planting - Heavy Grading	ac	$179.26
342	Critical Area Planting	Caribbean Critical Area Planting - Normal Tillage	ac	$54.79
342	Critical Area Planting	Native or Introduced Vegetation - Moderate Grading (Organic and Non-Organic)	ac	$78.30
342	Critical Area Planting	PIA - Criteria Area Planting	ac	$219.65
342	Critical Area Planting	Pacific Island Critical Area Planting	ac	$97.55
342	Critical Area Planting	Caribbean Critical Area Planting Heavy Grading	ac	$115.89
342	Critical Area Planting	US Virgin Island Critical Area Planting - Normal Tillage	ac	$92.05
342	Critical Area Planting	Native or Introduced Vegetation - Heavy Grading (Organic and Non-Organic)	ac	$123.34
342	Critical Area Planting	Native or Introduced Vegetation - Normal Tillage (Organic and Non-Organic)	ac	$34.07

Code	Practice	Component	Units	Unit Cost
345	Residue and Tillage management, Reduced till	Mulch till-Adaptive Management	Ea	$411.06
345	Residue and Tillage management, Reduced till	Reduced Till Sweep for No Burn/Sweep Beds - Sugarcane Production in Louisiana	ac	$1.68
345	Residue and Tillage management, Reduced till	Residue and Tillage Management, Reduced Till	ac	$2.16
374	Farmstead Energy Improvement	High Efficiency arch < 1000 taps	Ea	$230.86
374	Farmstead Energy Improvement	Heating (Building)	kBTU/Hr	$1.34
374	Farmstead Energy Improvement	Grain Dryer	Bu/Hr	$10.00
374	Farmstead Energy Improvement	RO<=200 GPH	Gal/Hr	$3.62
374	Farmstead Energy Improvement	RO>200-600 GPH	Gal/Hr	$2.38
374	Farmstead Energy Improvement	Enhanced preheater, small	sq ft	$42.86
374	Farmstead Energy Improvement	Heating - Radiant Tube	Ea	$165.38
374	Farmstead Energy Improvement	High Efficiency Pans >=1000 taps	Ea	$1,747.84
374	Farmstead Energy Improvement	Heating - Attic Heat Recovery vents	Ea	$18.51
374	Farmstead Energy Improvement	High Efficiency arch >= 1000 taps	Ea	$1,762.56
374	Farmstead Energy Improvement	Motor Upgrade 10 - 100 HP	Ea	$685.14
374	Farmstead Energy Improvement	Enhanced preheater, large	sq ft	$23.77
374	Farmstead Energy Improvement	High Efficiency Pans for < 1000 taps	Ea	$477.65
374	Farmstead Energy Improvement	Ventilation - Exhaust	Ea	$151.49
374	Farmstead Energy Improvement	Tunnel Door	sq ft	$1.22
374	Farmstead Energy Improvement	Motor Upgrade <= 1 HP	Ea	$67.37
374	Farmstead Energy Improvement	Ventilation - HAF	Ea	$24.78
374	Farmstead Energy Improvement	Refrig-Plate Cooler-Small	Ea	$537.14
374	Farmstead Energy Improvement	Refrig-Plate Cooler-Med	Ea	$631.34
374	Farmstead Energy Improvement	Plate Cooler-lg	Ea	$730.68
374	Farmstead Energy Improvement	Motor Upgrade > 1 and < 10 HP	Ea	$98.90
374	Farmstead Energy Improvement	Water Heater	Ea	$350.57
374	Farmstead Energy Improvement	Variable Speed Drive, no motor	HP	$25.47
374	Farmstead Energy Improvement	Automatic Controller System	Ea	$164.44
374	Farmstead Energy Improvement	Motor Upgrade > 100 HP	Ea	$2,542.67
374	Farmstead Energy Improvement	Scroll Compressor	Ea	$447.02
374	Farmstead Energy Improvement	RO >600 GPH or add on	Gal/Hr	$2.01
380	Windbreak/Shelterbelt Establishment	1 row windbreak, hardwood, hand planted	ft	$0.13

Code	Practice	Component	Units	Unit Cost
380	Windbreak/Shelterbelt Establishment	1 row windbreak, conifers, hand planted	ft	$0.06
380	Windbreak/Shelterbelt Establishment	2-row windbreak, hardwoods	ft	$0.10
380	Windbreak/Shelterbelt Establishment	2-row windbreak, conifers	ft	$0.10
380	Windbreak/Shelterbelt Establishment	3 or more row windbreak, hardwoods	ft	$0.14
380	Windbreak/Shelterbelt Establishment	3 or more tree rows hardwood/conifers	ft	$0.12
380	Windbreak/Shelterbelt Establishment	Multi-row Tree/shrub, containerized stock	ft	$0.52
380	Windbreak/Shelterbelt Establishment	Single row of tree and shrub planting with tree tubelings	ft	$0.21
380	Windbreak/Shelterbelt Establishment	windbreak, poultry house	Ea	$1.29
382	Fence	Exclusion Fence	ft	$0.48
382	Fence	Woven Wire	ft	$0.33
382	Fence	Electric 3 strand	ft	$0.21
382	Fence	Electric - 4 or more strands	ft	$0.26
382	Fence	Chain Link	ft	$1.60
382	Fence	8 foot netted Wildlife Exclusion Fence, Wooded	ft	$0.21
382	Fence	Electric 2 strand	ft	$0.16
383	Fuelbreak	Non Forest	ac	$26.68
383	Fuelbreak	Dozer	ac	$166.57
383	Fuelbreak	Dozer, Steep Slope	ac	$256.79
383	Fuelbreak	Masticator	ac	$151.27
383	Fuelbreak	Masticator, Steel Slope	ac	$219.07
383	Fuelbreak	Hand Tools	ac	$196.39
384	Woody Residue Treatment	Chipping and hauling	ac	$33.11
384	Woody Residue Treatment	Treatment following catastrophic events	ac	$84.47
384	Woody Residue Treatment	Silvicultural slash treatment- light	ac	$20.66
384	Woody Residue Treatment	Forest Slash Heavy	ac	$30.57
386	Field Border	Field Border, Introduced Species	ac	$9.10
386	Field Border	Field Border, Pollinator	ac	$100.74
386	Field Border	PIA - Field Border	ac	$149.67
386	Field Border	Field Border, Native Species	ac	$12.38
390	Riparian Herbaceous Cover	Native Seeding, Pasture	ac	$164.15
390	Riparian Herbaceous Cover	Native Seeding, Cropland	ac	$184.94

Code	Practice	Component	Units	Unit Cost
391	Riparian Forest Buffer	Small container, hand planted	ac	$339.00
391	Riparian Forest Buffer	Bareroot, machine planted, with tree tubes	ac	$409.64
391	Riparian Forest Buffer	Bareroot, hand planted with tube	ac	$402.52
391	Riparian Forest Buffer	Large container, hand planted	ac	$642.06
393	Filter Strip	Filter Strip, Introduced species	ac	$17.95
393	Filter Strip	Caribbean and Virgin Island Filter Strip - All Species	ac	$12.80
393	Filter Strip	Filter Strip, Native species	ac	$16.67
394	Firebreak	Constructed - Medium equipment, steep slopes	ft	$0.17
394	Firebreak	Constructed - Light Equipment	ft	$0.00
394	Firebreak	Constructed - Medium equipment, flat-medium slopes	ft	$0.06
394	Firebreak	Vegetated permanent firebreak	ft	$0.03
394	Firebreak	Constructed - Wide, bladed or disked firebreak	ft	$0.44
395	Stream Habitat Improvement and Management	Deflector, Rock > 80 ton	Ea	$578.04
395	Stream Habitat Improvement and Management	Cribbing Mudsill 10 section	Ea	$120.99
395	Stream Habitat Improvement and Management	Instream wood placement	ac	$2,228.92
395	Stream Habitat Improvement and Management	Riparian Zone Improvement-Forested	ac	$1,124.26
395	Stream Habitat Improvement and Management	Instream rock placement	ac	$1,535.22
395	Stream Habitat Improvement and Management	Rock and wood structures	ac	$3,632.18
395	Stream Habitat Improvement and Management	Deflector, Rock <= 80 ton	Ea	$380.73
395	Stream Habitat Improvement and Management	Defector Group of 3 Root Wads	Ea	$271.00
395	Stream Habitat Improvement and Management	Stream Habitat Enhancement	ft	$3.40
395	Stream Habitat Improvement and Management	Cross Vane Rock or Rock/log	Ea	$376.46
395	Stream Habitat Improvement and Management	Midstream Structure - 10 Boulders or 3 mid str log structures	Ea	$93.41
395	Stream Habitat Improvement and Management	Fish Barrier	CuYd	$857.51
396	Aquatic Organism Passage	Bridge	ft	$357.58
396	Aquatic Organism Passage	Bottomless Culvert	Ea	$5,717.76
396	Aquatic Organism Passage	Concrete Ladder	ft	$1,751.08
396	Aquatic Organism Passage	Concrete Dam Removal	CuYd	$17.10
396	Aquatic Organism Passage	Earthen Dam Removal	CuYd	$7.31
396	Aquatic Organism Passage	Blockage Removal	CuYd	$11.69
396	Aquatic Organism Passage	Nature-Like Fishway	ac	$11,961.37

Code	Practice	Component	Units	Unit Cost
396	Aquatic Organism Passage	Complex Denil	ft	$8,047.39
396	Aquatic Organism Passage	Alaskan Steeppass	ft	$1,194.29
396	Aquatic Organism Passage	Low Water Crossing	CuYd	$77.99
396	Aquatic Organism Passage	Paddlewheel Screen	gpm	$2.28
396	Aquatic Organism Passage	Rotating Drum Screen	gpm	$0.29
396	Aquatic Organism Passage	Concrete Box Culvert	Ea	$6,600.94
396	Aquatic Organism Passage	CMP Culvert	Ea	$3,484.00
410	Grade Stabilization Structure	Pipe Drop, Steel	sq ft	$1.55
410	Grade Stabilization Structure	Log Drop Structures	Ea	$558.69
410	Grade Stabilization Structure	Embankment, Pipe 8-12 inch	CuYd	$0.73
410	Grade Stabilization Structure	Check Dams	ton	$5.24
410	Grade Stabilization Structure	Embankment, Pipe <= 6 inch	CuYd	$0.61
410	Grade Stabilization Structure	Pipe Drop, Plastic	sq ft	$2.89
410	Grade Stabilization Structure	Rock Drop Structures	sq ft	$8.00
410	Grade Stabilization Structure	Weir Drop Structures	sq ft	$10.80
410	Grade Stabilization Structure	SWC, Difficult site	Ea	$1,412.36
410	Grade Stabilization Structure	Embankment, Pipe >12 inch	CuYd	$0.89
410	Grade Stabilization Structure	Embankment, Soil Treatment	CuYd	$1.06
412	Grassed Waterway	Waterway, over 0.2 acres	ac	$470.84
412	Grassed Waterway	Waterway, small, 0.2 Acres or less	sq ft	$0.02
412	Grassed Waterway	Grass Waterway with Stone Checks	ac	$659.76
422	Hedgerow	Poultry Grasses	ft	$0.26
422	Hedgerow	Wildlife, Machine Planted Trees and Shrubs with Warm Season Grass	ft	$0.11
422	Hedgerow	Pollinator Habitat	ft	$0.24
422	Hedgerow	Contour Native	ft	$0.10
422	Hedgerow	Wildlife, Handplanted Trees and Shrubs with Warm Season Grass	ft	$0.10
422	Hedgerow	Poultry Trees & Grasses	ft	$0.25
422	Hedgerow	Contour Introduced	ft	$0.07
422	Hedgerow	Poultry Trees	ft	$0.25
422	Hedgerow	Wildlife, Handplanted Trees and Shrubs with Cool Season Grass	ft	$0.07
430	Irrigation Pipeline	PVC (Plastic Irrigation Pipeline) 3 inch	LnFt	$0.62

Code	Practice	Component	Units	Unit Cost
430	Irrigation Pipeline	Steel (Iron Pipe Size) 8 inch or less	Lb	$0.21
430	Irrigation Pipeline	PVC (Plastic Irrigation Pipe) 8 Inches	ft	$0.59
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) 6 inches	ft	$1.10
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) 10 inch	ft	$2.76
430	Irrigation Pipeline	HDPE (Corrugated Plastic Pipe)	Lb	$0.31
430	Irrigation Pipeline	PVC (Plastic Irrigation Pipe) 2 inch	ft	$0.48
430	Irrigation Pipeline	Steel (Iron Pipe Size) 10 inch or greater	Lb	$0.20
430	Irrigation Pipeline	PVC (Iron Pipe Size) 8 Inches	LnFt	$1.50
430	Irrigation Pipeline	HDPE (Iron Pipe Size and Tubing) 8 Inches	LnFt	$1.75
430	Irrigation Pipeline	PVC (Iron Pipe Size) 10 inches or greater	ft	$2.57
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) 12 Inches	LnFt	$3.60
430	Irrigation Pipeline	PVC (Plastic Irrigation Pipeline) 1 inch	LnFt	$0.41
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) 3 inch or less	ft	$0.47
430	Irrigation Pipeline	Steel (Corrugated Steel Pipe)	Lb	$0.18
430	Irrigation Pipeline	Surface Steel (Iron Pipe Size)	Lb	$0.21
430	Irrigation Pipeline	PVC (Iron Pipe Size) 6 inches to 8 inches	LnFt	$1.54
430	Irrigation Pipeline	PVC (Plastic Irrigation Pipe) 10 inches or greater	Lb	$0.35
430	Irrigation Pipeline	Surface HDPE (Iron Pipe Size & Tubing)	Lb	$0.33
430	Irrigation Pipeline	HDPE (Iron Pipe Size & Tubing) 4 Inches	LnFt	$0.68
430	Irrigation Pipeline	PVC (Iron Pipe Size), 4 inches or less	ft	$0.56
441	Irrigation System, Microirrigation	Microjet	ac	$314.25
441	Irrigation System, Microirrigation	Surface PE Container Nursery	ac	$1,071.31
441	Irrigation System, Microirrigation	SDI (Subsurface Drip Irrigation)	ac	$299.15
441	Irrigation System, Microirrigation	Surface PE Perennial Filtered	ac	$327.90
441	Irrigation System, Microirrigation	Surface PE Perennial Crops	ac	$247.69
441	Irrigation System, Microirrigation	Surface PE Container Filtered	ac	$1,178.45
441	Irrigation System, Microirrigation	Microjet Filtered	ac	$394.46
441	Irrigation System, Microirrigation	Seasonal High Tunnel Micro Irrigation System	sq ft	$0.01
441	Irrigation System, Microirrigation	Surface Tape Annual Filtered	ac	$161.44
441	Irrigation System, Microirrigation	Surface Tape Annual Crops	ac	$54.49
441	Irrigation System, Microirrigation	Surface Tape Annual Filtered, no Flow Meter	ac	$146.86

Code	Practice	Component	Units	Unit Cost
441	Irrigation System, Microirrigation	Surface PE Perennial Crops, filtered, no flow meter	ac	$293.88
449	Irrigation Water Management	Field Crops, Grains, 2nd and 3rd Year	ac	$0.93
449	Irrigation Water Management	Annual Crops, Vegetables, 1st Year, with Data Logger	ac	$12.95
449	Irrigation Water Management	Basic IWM 30 acres or less	ac	$2.90
449	Irrigation Water Management	Field Crops, Grains, 1st Year, with Data Logger	ac	$4.35
449	Irrigation Water Management	Field Crops, Grains, 1st Year	ac	$1.81
449	Irrigation Water Management	Perennial Crops, Orchards, 2nd and 3rd Year	ac	$4.90
449	Irrigation Water Management	Perennial Crops, Orchards, 1st Year, with Data Logger	ac	$14.17
449	Irrigation Water Management	Perennial Crops, Orchards, 1st Year	ac	$7.83
449	Irrigation Water Management	Annual Crops, Vegetables, 2nd and 3rd Year	ac	$3.68
449	Irrigation Water Management	1st Year, Computer Record Keeping System	ac	$30.13
449	Irrigation Water Management	Use Computer Record Keeping System	ac	$5.19
449	Irrigation Water Management	Annual Crops, Vegetables, 1st Year	ac	$6.61
449	Irrigation Water Management	Basic IWM over 30 acres	ac	$1.59
466	Land Smoothing	Minor Shaping	ac	$11.48
472	Access Control	Monitoring and maintenance of sensitive areas	ac	$52.38
484	Mulching	Erosion Control Blanket	sq ft	$0.02
484	Mulching	Tree and Shrub	Ea	$0.28
484	Mulching	Leaf Mulching	ac	$8.55
484	Mulching	Wood Chips	sq ft	$0.03
484	Mulching	Natural Material - Full Coverage	ac	$59.11
490	Tree/Shrub Site Preparation	ARRI Spray and Cross Rip	ac	$74.03
490	Tree/Shrub Site Preparation	Mechanical, Light	ac	$9.25
490	Tree/Shrub Site Preparation	Hand site preparation	ac	$23.80
490	Tree/Shrub Site Preparation	Chemical, Aerial Application	ac	$5.30
490	Tree/Shrub Site Preparation	Chemical, Ground Application	ac	$20.39
490	Tree/Shrub Site Preparation	Mechanical, Heavy	ac	$27.48
490	Tree/Shrub Site Preparation	Chemical, Hand Application	ac	$11.99
490	Tree/Shrub Site Preparation	Windbreak, Site Preparation	ac	$25.07
512	Forage and Biomass Planting	Organic Introduced Perennial Cool Season Grasses with legume	ac	$31.34
512	Forage and Biomass Planting	Native Perennial Warm Season Grasses Mix	ac	$50.49

Code	Practice	Component	Units	Unit Cost
512	Forage and Biomass Planting	Untreated Conventional Seed, WSG, 1 species	ac	$29.56
512	Forage and Biomass Planting	Organic, Overseeding with nutrients	ac	$5.62
512	Forage and Biomass Planting	Introduced Cool Season Grass Mix	ac	$36.26
512	Forage and Biomass Planting	Untreated Conventional Seed, WSG Mix	ac	$50.02
512	Forage and Biomass Planting	Overseeding with Nutrient Application	ac	$30.44
512	Forage and Biomass Planting	Sprigging	ac	$42.92
512	Forage and Biomass Planting	Overseeding, no inputs	ac	$8.18
512	Forage and Biomass Planting	Native Perennial Grasses (1 species)	ac	$36.01
528	Prescribed Grazing	Targeted Grazing	ac	$38.72
528	Prescribed Grazing	Pasture Intensive - Paddock Residency less than 3 days	ac	$6.67
528	Prescribed Grazing	Pasture Deferment of Interrupted Harvest	ac	$5.05
528	Prescribed Grazing	Pasture Standard, Paddock Residency 3 or more days	ac	$3.52
533	Pumping Plant	Photovoltaic Powered Pump	Ea	$738.14
533	Pumping Plant	Electric Powered Pump 3 Hp or less	Ea	$185.18
533	Pumping Plant	Electric Powered Pump 40 to 60 HP	Ea	$1,366.73
533	Pumping Plant	Electric Powered Pump over 60 HP	Ea	$1,901.02
533	Pumping Plant	Variable Frequency Drive	HP	$24.77
533	Pumping Plant	Internal Combustion Powered Pump 7.5HP or less	Ea	$355.76
533	Pumping Plant	Internal Combustion Powered Pump 7.5 to 39 HP	Ea	$986.98
533	Pumping Plant	Electric Powered Pump 10 to 40 HP	Ea	$886.53
533	Pumping Plant	Internal Combustion Powered Pump over 75 HP	Ea	$4,310.06
533	Pumping Plant	Electric Powered Pump 3 HP or less with Pressure Tank	Ea	$275.99
533	Pumping Plant	Windmill Powered Pump	Ea	$1,088.59
533	Pumping Plant	Internal Combustion Powered Pump 40 to 75 HP	Ea	$3,083.74
533	Pumping Plant	>500 gpm PTO Pump	Ea	$995.80
533	Pumping Plant	Water Ram Pump	Ea	$151.72
533	Pumping Plant	Turbine Pump	Ea	$1,172.77
533	Pumping Plant	Booster Pump for Waste Transfer	Ea	$1,149.95
533	Pumping Plant	Electric Powered Pump 3 to 10 HP	Ea	$387.29
533	Pumping Plant	1 hp pump or Siphon or Flout	Ea	$118.57
533	Pumping Plant	50 to 500 gpm PTO Pump	Ea	$418.36

Code	Practice	Component	Units	Unit Cost
533	Pumping Plant	<50gpm Irrg PTO pump	Ea	$81.31
533	Pumping Plant	Large piston Manure Pump	Ea	$3,699.74
533	Pumping Plant	Electric or Ram Manure Pump	Ea	$1,006.74
533	Pumping Plant	Livestock Nose Pump	Ea	$53.71
533	Pumping Plant	Electric Powered Pump 3 Hp or less with pressure tank and pump housing	Ea	$673.82
554	Drainage Water Management	Drainage Water Management (DWM)	Ea	$13.84
558	Roof Runoff Structure	Roof Gutter with Fascia	ft	$1.45
558	Roof Runoff Structure	Concrete Curb	ft	$1.99
558	Roof Runoff Structure	Roof Gutter	ft	$0.93
558	Roof Runoff Structure	Roof Gutter, 6 inches wide with runoff Storage Tank	ft	$1.71
558	Roof Runoff Structure	Roof Gutter with Storage Tank	gal	$0.17
558	Roof Runoff Structure	Stone Infiltration Sump	Ea	$115.26
558	Roof Runoff Structure	Trench Drain	ft	$1.47
561	Heavy Use Area Protection	Concrete slab with curb on steep site	sq ft	$1.33
561	Heavy Use Area Protection	Concrete Slab with Curb, Steep site with Retaining Wall	sq ft	$2.32
561	Heavy Use Area Protection	Bituminous Concrete Pavement	sq ft	$0.92
561	Heavy Use Area Protection	Gravel Pad on geotextile, no site prep	sq ft	$0.17
561	Heavy Use Area Protection	Gravel pad on geotextile with site prep	sq ft	$0.22
561	Heavy Use Area Protection	Concrete Slab, reinforced with gravel foundation	sq ft	$0.65
561	Heavy Use Area Protection	Concrete Slab, Fiber-reinforced with No Gravel	sq ft	$0.51
561	Heavy Use Area Protection	Concrete Slab, Fiber-reinforced with Gravel	sq ft	$0.67
561	Heavy Use Area Protection	Concrete Slab with Curbs & Buckwall	sq ft	$1.49
561	Heavy Use Area Protection	Concrete Slab with Curbs, Reinforced	sq ft	$1.13
576	Livestock Shelter Structure	Prefabricated Portable Shade Structure	sq ft	$0.57
576	Livestock Shelter Structure	Portable Shade Structure	sq ft	$0.44
576	Livestock Shelter Structure	Permanent Fabricated Wind Shelter, equal to or greater than 8 foot	ft	$3.64
576	Livestock Shelter Structure	Portable Fabricated Wind Shelter, equal to or greater than 8 foot	ft	$4.73
578	Stream Crossing	Bridge	sq ft	$4.90
578	Stream Crossing	Culvert installation	InFt	$1.01
578	Stream Crossing	Ford with Water Management	sq ft	$2.14
578	Stream Crossing	Ramp only	sq ft	$1.06

Code	Practice	Component	Units	Unit Cost
578	Stream Crossing	Ramps and channel	sq ft	$0.74
578	Stream Crossing	Ramp only with Cattle Slats	sq ft	$0.97
578	Stream Crossing	Ramps and channel with Cattle Slats	sq ft	$1.37
580	Streambank and Shoreline Protection	Vegetative	sq ft	$0.09
580	Streambank and Shoreline Protection	Bioengineered with Toe Protection	sq ft	$0.38
580	Streambank and Shoreline Protection	Bioengineered	sq ft	$0.14
580	Streambank and Shoreline Protection	Geotextile Wrapped	sq ft	$3.42
580	Streambank and Shoreline Protection	Structural small, banks less than 4 ft	CuYd	$12.20
580	Streambank and Shoreline Protection	Structural, >5 ft bank	CuYd	$11.90
587	Structure for Water Control	Forestland Waterbar	Ea	$15.75
587	Structure for Water Control	Inlet Flashboard Riser, Metal	InFt	$0.38
587	Structure for Water Control	Flap Gate w/ Concrete Wall	CuYd	$135.31
587	Structure for Water Control	Flap Gate	ft	$189.82
587	Structure for Water Control	Slide Gate	ft	$217.57
587	Structure for Water Control	Water Bar	Ea	$83.46
587	Structure for Water Control	Culvert <30 inches CMP	InFt	$0.31
587	Structure for Water Control	Culvert <30 inches HDPE	InFt	$0.30
587	Structure for Water Control	Rock Checks for Water Surface Profile	ton	$5.91
587	Structure for Water Control	Inline Flashboard Riser, Metal	InFt	$0.41
587	Structure for Water Control	Grated Dropbox	Ea	$126.06
587	Structure for Water Control	Commercial Inline Flashboard Riser	InFt	$0.48
587	Structure for Water Control	In-Stream Structure for Water Surface Profile	ft	$33.38
587	Structure for Water Control	Sprinkler gun	Ea	$76.40
587	Structure for Water Control	Gated Pipe	ft	$1.53
587	Structure for Water Control	Flow Meter with Electronic Index & Telemetry	In	$54.03
587	Structure for Water Control	Flow Meter with Mechanical Index	In	$20.44
587	Structure for Water Control	Basin, earthen	LnFt	$3.27
587	Structure for Water Control	Concrete Turnout Structure	Ea	$435.39
587	Structure for Water Control	Concrete Turnout Structure - Small	Ea	$164.89
587	Structure for Water Control	CMP Turnout	Ea	$100.44
587	Structure for Water Control	Flow Meter with Electronic Index	In	$38.89

Code	Practice	Component	Units	Unit Cost
587	Structure for Water Control	Trench Drain with grate	Ea	$185.23
590	Nutrient Management	Basic NM with Manure and/or Compost (Non-Organic/Organic)	ac	$1.92
590	Nutrient Management	Small Farm NM (Non-Organic/Organic)	Ea	$29.74
590	Nutrient Management	Basic Precision NM (Non-Organic/Organic)	ac	$5.17
590	Nutrient Management	Basic NM with Manure Injection or Incorporation	ac	$3.60
590	Nutrient Management	Adaptive NM	Ea	$278.66
590	Nutrient Management	Basic NM (Non-Organic/Organic)	ac	$0.89
595	Integrated Pest Management	Risk Prevention IPM All RCs	ac	$17.42
595	Integrated Pest Management	Advanced IPM Fruit/Veg All RCs	ac	$20.66
595	Integrated Pest Management	Basic IPM Field >1RC	ac	$2.50
595	Integrated Pest Management	Basic IPM Field 1RC	ac	$1.85
595	Integrated Pest Management	Advanced Field All RCs	ac	$3.69
595	Integrated Pest Management	Advanced IPM Orchard All RCs	ac	$32.65
595	Integrated Pest Management	Basic IPM Fruit/Veg 1RC	ac	$10.44
595	Integrated Pest Management	Basic IPM Orchard >1RC	ac	$20.66
595	Integrated Pest Management	IPM S-Farm 1RC	Ea	$63.04
595	Integrated Pest Management	Advanced IPM S-Farm All RCs	Ea	$123.97
595	Integrated Pest Management	IPM S-Farm >1RC	Ea	$82.65
595	Integrated Pest Management	Basic IPM Fruit/Veg >1RC	ac	$13.48
595	Integrated Pest Management	Basic IPM Orchard 1RC	ac	$13.48
606	Subsurface Drain	Corrugated Plastic Pipe , less than 8 inches, Buried 8 feet or more	ft	$2.98
606	Subsurface Drain	Corrugated Plastic Pipe, Single Wall, Less than or equal to 6 inches	ft	$0.49
606	Subsurface Drain	Enveloped Corrugated Plastic Pipe, Single Wall, Less than or equal to 6 inches	ft	$0.62
612	Tree/Shrub Establishment	Individual tree - hand planting	Ea	$0.09
612	Tree/Shrub Establishment	High Density, Mechanical Plant	ac	$40.54
612	Tree/Shrub Establishment	High Density, Mechanical plant with tubes	ac	$368.56
612	Tree/Shrub Establishment	Shrubs Planting	Ea	$0.12
612	Tree/Shrub Establishment	Individual tree - hand plant w tubes	Ea	$0.92
612	Tree/Shrub Establishment	Low Density Hand Plant w Tubes	ac	$178.66
612	Tree/Shrub Establishment	Low Density Hand Plant with tubes	ac	$132.53
612	Tree/Shrub Establishment	Planting, container	ac	$170.70

Code	Practice	Component	Units	Unit Cost
612	Tree/Shrub Establishment	High Density, Hand Plant, Tubes	ac	$383.83
612	Tree/Shrub Establishment	Lower Density Hand Plant with tubes	ac	$67.34
612	Tree/Shrub Establishment	High Density, Hand Plant	ac	$38.57
612	Tree/Shrub Establishment	Hand Plant Conifers	Ea	$0.06
614	Watering Facility	Gravity Concrete Trough	Ea	$154.25
614	Watering Facility	Frost Proof Trough (2 Ball)	Ea	$143.86
614	Watering Facility	Portable Trough with Hydrant	Ea	$22.70
614	Watering Facility	Portable Trough	Ea	$14.70
614	Watering Facility	Storage Tank	Ea	$148.60
614	Watering Facility	Hydrant with prorated trough cost	Ea	$19.01
643	Restoration and Management of Rare and Declining Habitats	Rare or Declining Habitat Monitoring and Management, Medium Intensity and Complexity	ac	$1.35
643	Restoration and Management of Rare and Declining Habitats	Habitat Monitoring and Management, Low Intensity and Complexity	ac	$0.37
643	Restoration and Management of Rare and Declining Habitats	Development of Shallow Micro-Topographic Features with Normal Farming Equipment.	ac	$4.19
643	Restoration and Management of Rare and Declining Habitats	Habitat Monitoring and Management, High Intensity and Complexity	ac	$2.53
643	Restoration and Management of Rare and Declining Habitats	Habitat Monitoring and Management, Very-Low Intensity and Complexity	ac	$0.11
643	Restoration and Management of Rare and Declining Habitats	Oyster Bar - Bagged Dredging	ac	$659.75
643	Restoration and Management of Rare and Declining Habitats	Oyster Rack Spacing for Wildlife Movement	Ea	$5.70
643	Restoration and Management of Rare and Declining Habitats	Oyster Bar Purchase and place 2 inch	ac	$1,339.21
643	Restoration and Management of Rare and Declining Habitats	Development of Deep Micro-Topographic Features with Heavy Equipment.	ac	$11.71
643	Restoration and Management of Rare and Declining Habitats	Oyster Bar Purchase and place 4 inch	ac	$2,530.75
644	Wetland Wildlife Habitat Management	Development of Shallow Micro-Topographic Features with Normal Farming Equipment.	ac	$4.19
644	Wetland Wildlife Habitat Management	Development of Deep Micro-Topographic Features with Heavy Equipment.	ac	$11.71
644	Wetland Wildlife Habitat Management	Habitat Monitoring and Management, High Intensity and Complexity	ac	$3.31
644	Wetland Wildlife Habitat Management	Habitat Monitoring and Management, Medium Intensity and Complexity	ac	$1.35
644	Wetland Wildlife Habitat Management	Wetland Wildlife Habitat Monitoring and Management, Low Intensity and Complexity	ac	$0.37
644	Wetland Wildlife Habitat Management	Habitat Monitoring and Management, Very-Low Intensity and Complexity	ac	$0.11
645	Upland Wildlife Habitat Management	Interrupted Hay Harvest for Grassland Birds	ac	$10.83
645	Upland Wildlife Habitat Management	Habitat Monitoring and Management, Very-Low Intensity and Complexity	ac	$0.11
645	Upland Wildlife Habitat Management	Development of Deep Micro-Topographic Features with Heavy Equipment.	ac	$11.71

Code	Practice	Component	Units	Unit Cost
645	Upland Wildlife Habitat Management	Development of Shallow Micro-Topographic Features with Normal Farming Equipment.	ac	$4.19
645	Upland Wildlife Habitat Management	Habitat Monitoring and Management, Low Intensity and Complexity	ac	$0.37
645	Upland Wildlife Habitat Management	Habitat Monitoring and Management, Medium Intensity and Complexity	ac	$1.35
645	Upland Wildlife Habitat Management	Habitat Monitoring and Management, High Intensity and Complexity	ac	$3.31
647	Early Successional Habitat Development/Management	Wildlife selective tree felling	Ea	$2.35
647	Early Successional Habitat Development/Management	Wildlife feathered edge	ac	$104.26
647	Early Successional Habitat Development/Management	Mowing	ac	$12.11
647	Early Successional Habitat Development/Management	Disking	ac	$4.58
647	Early Successional Habitat Development/Management	Low Shade Removal	ac	$74.90
647	Early Successional Habitat Development/Management	Shelterwood Cut	ac	$70.24
647	Early Successional Habitat Development/Management	Early Successional Wildlife Openings	ac	$129.16
647	Early Successional Habitat Development/Management	Overstory Removal	ac	$58.42
649	Structures for Wildlife	Nesting Box, Small, with wood pole	no	$10.49
649	Structures for Wildlife	Brush Pile - Small	Ea	$3.52
649	Structures for Wildlife	Escape Ramp	Ea	$3.73
649	Structures for Wildlife	Brush Pile - Large	Ea	$18.50
649	Structures for Wildlife	Nesting Box, Large	Ea	$14.00
649	Structures for Wildlife	Nesting Box, Small no pole	Ea	$7.74
649	Structures for Wildlife	Nesting Box or Raptor Perch, Large, with Pole	Ea	$21.52
650	Windbreak/Shelterbelt Renovation	Tree/Shrub Removal with Chain Saw	ft	$0.09
650	Windbreak/Shelterbelt Renovation	Supplemental Plantings, Bare Root	Ea	$0.34
650	Windbreak/Shelterbelt Renovation	Thinning	ft	$0.07
650	Windbreak/Shelterbelt Renovation	Sod Release	ft	$0.04
650	Windbreak/Shelterbelt Renovation	Pruning	ft	$0.06
650	Windbreak/Shelterbelt Renovation	Supplemental Planting, Container	Ea	$0.90
650	Windbreak/Shelterbelt Renovation	Coppicing	ac	$108.55
650	Windbreak/Shelterbelt Renovation	Removal <8 inches DBH with Skidsteer	ft	$0.13
650	Windbreak/Shelterbelt Renovation	Removal > 8 inches DBH with Dozer	ft	$0.20
654	Road/Trail/Landing Closure and Treatment	Road/Trail removal and restoration (Vegetative)	ft	$0.31
654	Road/Trail/Landing Closure and Treatment	Road/Trail/Landing Closure and Treatment, >35% hillslope	ft	$1.33

Code	Practice	Component	Units	Unit Cost
654	Road/Trail/Landing Closure and Treatment	Road/Trail/Landing Closure and Treatment, <35% hillslope	ft	$0.66
654	Road/Trail/Landing Closure and Treatment	Road/Trail Abandonment/Rehabilitation (Light)	ft	$0.40
655	Forest Trails and Landings	Trail Erosion Control w/o Vegetation, Slopes < 35%	Ea	$19.01
655	Forest Trails and Landings	Trail Installation	ft	$0.10
655	Forest Trails and Landings	Landing Installation	ac	$261.28
655	Forest Trails and Landings	Temporary Stream Crossing	Ea	$103.22
655	Forest Trails and Landings	Trail Erosion Control w/o Vegetation, Slopes >35%	Ea	$18.04
655	Forest Trails and Landings	Grading and Shaping with Vegetative Establishment	ft	$0.35
666	Forest Stand Improvement	Single Stem Chemical Thinning	ac	$37.27
666	Forest Stand Improvement	Comprehensive Forest Stand Treatment, no chipping	ac	$54.26
666	Forest Stand Improvement	Thinning Hand Tools with a Consultant	ac	$37.83
666	Forest Stand Improvement	Chemical, Aerial	ac	$9.02
666	Forest Stand Improvement	Forest Openings, Low Density	ac	$70.35
666	Forest Stand Improvement	Comprehensive Forest Stand Treatment with Chipping	ac	$73.74
666	Forest Stand Improvement	Wildlife selective tree felling	ac	$27.48
666	Forest Stand Improvement	Basal Stem Treatment	ac	$41.53
666	Forest Stand Improvement	Thinning with Hand Tools without a Consultant	ac	$24.09
666	Forest Stand Improvement	Wildlife Crop Tree Release	ac	$33.82
666	Forest Stand Improvement	Chemical, Ground	ac	$19.32
666	Forest Stand Improvement	Mechanical, Heavy Equipment	ac	$55.68
666	Forest Stand Improvement	Forest opening, heavy density	ac	$129.16
B000BFF1	Buffer Bundle#1	Buffer Bundle#1	ac	$1,017.51
B000BFF2	Buffer Bundle#2	Buffer Bundle#2	ac	$1,017.51
B000CPL1	Crop Bundle#1 - Precision Ag, No till	Crop Bundle#1 - Precision Ag, No till	ac	$43.53
B000CPL2	Crop Bundle#2 - Precision Ag, Reduced till	Crop Bundle#2 - Precision Ag, RT	ac	$43.53
B000CPL3	Crop Bundle#3 - Soil health rotation, No till	Crop Bundle#3 - Soil health rotation, NT	ac	$48.11
B000CPL4	Crop Bundle#4 - Soil health rotation, Reduced till	Crop Bundle#4 - SH rotation, RT	ac	$48.11
B000CPL5	Crop Bundle#5 - Soil Health Assessment, No till	Crop Bundle#5 - SH Assessment, NT	ac	$53.62
B000CPL6	Crop Bundle#6 - Soil Health Assessment, Reduced till	Crop Bundle#6 - SH Assessment, RT	ac	$53.62
B000CPL7	Crop Bundle#7 - Soil Health -'Organic'	Crop Bundle#7 - Soil Health -"Organic"	ac	$50.55
B000CPL8	Crop Bundle#8 - 'Organic', Water erosion	Crop Bundle#8 - "Organic", Water erosion	ac	$38.62

Code	Practice	Component	Units	Unit Cost
B000CPL9	Crop Bundle#9 - 'Organic', Wind erosion	Crop Bundle#9 - "Organic", Wind erosion	ac	$38.62
B000FST1	Forest Bundle#1	Forest Bundle#1	ac	$93.32
B000LLP1	Longleaf Pine Bundle#1	Longleaf Pine Bundle#1	ac	$115.41
B000LLP2	Longleaf Pine Bundle#2	Longleaf Pine Bundle#2	ac	$109.26
B000LLP3	Longleaf Pine Bundle#3	Longleaf Pine Bundle#3	ac	$137.87
B000LLP4	Longleaf Pine Bundle #4	Longleaf Pine Bundle #4	ac	$540.28
B000LLP5	Longleaf Pine Bundle #5	Longleaf Pine Bundle #5	ac	$528.35
B000MRB1	MRBI Bundle#1 - Irrigated Cropland	MRBI Bundle#1 - Irrigated Cropland	ac	$70.29
B000MRB2	MRBI Bundle#2 - Non-Irrigated Crop#1	MRBI Bundle#2 - Non-Irrigated Crop#1	ac	$11.24
B000MRB3	MRBI Bundle#3 - Non-Irrigated Crop#2	MRBI Bundle#3 - Non-Irrigated Crop#2	ac	$15.47
B000MRB4	MRBI Bundle#4 - Crop w/ Water Bodies, NT	MRBI Bundle#4 - Crop w/ Water Bodies, NT	ac	$35.65
B000MRB5	MRBI Bundle#5 - Crop w/ Water Bodies, RT	MRBI Bundle#5 - Crop w/ Water Bodies, RT	ac	$32.67
B000MRB6	MRBI Bundle#6 - Pastureland	MRBI Bundle#6 - Pastureland	ac	$51.87
B000MRB7	MRBI Bundle#7 - Rangeland	MRBI Bundle#7 - Rangeland	ac	$6.12
B000OGL1	Ogalalla Bundle#1	Ogalalla Bundle#1	ac	$59.72
B000OGL2	Ogalalla Bundle#2	Ogalalla Bundle#2	ac	$74.66
B000PST1	Pasture Bundle#1 - Organic	Pasture Bundle#1 - Organic	ac	$101.65
B000PST2	Pasture Bundle#2	Pasture Bundle#2	ac	$19.29
B000PST3	Pasture Bundle#3 -- Soil Health	Pasture Bundle#3 -- Soil Health	ac	$37.75
B000PST4	Pasture Bundle#4 - Monarch butterfly	Pasture Bundle#4 - Monarch butterfly	ac	$53.43
B000RNG1	Range Bundle#1 - Organic	Range Bundle#1 - Organic	ac	$1.12
B000RNG2	Range Bundle#2	Range Bundle#2	ac	$5.08
B000RNG3	Range Bundle#3 - Soil Health	Range Bundle#3 - Soil Health	ac	$2.32
B000WLW	Working Lands for Wildlife Bundle	Working Lands for Wildlife Bundle	ac	$3.44
E314134Z	Brush management that maintains or enhances wildlife or fish habitat	Brush mgmt, enhance habitat	ac	$20.17
E315132Z	Herbaceous weed control for desired plant communities/habitats consistent with the ecological site	Herbaceous weed control-habitats	ac	$13.13
E315133Z	Herbaceous weed control (inadequate structure and comp) for desired plant communities/habitats	Herbaceous weed control-communities	ac	$13.13
E315134Z	Herbaceous weed control (plant pest pressures) for desired plant communities/habitats	Herbaceous weed control-pest pressures	ac	$13.13

Code	Practice	Component	Units	Unit Cost
E327136Z1	Conservation cover to provide food habitat for pollinators and beneficial insects	Conservation cover-pollinator food	ac	$339.65
E327136Z2	Establish Monarch butterfly habitat	Establish monarch butterfly habitat	ac	$2,368.53
E327137Z	Conservation cover to provide cover and shelter habitat for pollinators and beneficial insects	Conservation cover-pollinator shelter	ac	$339.65
E327139Z	Conservation cover to provide habitat continuity for pollinators and beneficial insects	Conservation cover-habitat continuity	ac	$339.65
E328101I	Improved resource conserving crop rotation to reduce water erosion	IRCCR water erosion	ac	$5.43
E328101R	Resource conserving crop rotation to reduce water erosion	RCCR water erosion	ac	$15.20
E328101Z	Conservation crop rotation on recently converted CRP grass/legume cover for water erosion	CRP trans crop rotation-water erosion	ac	$3.26
E328102I	Improved resource conserving crop rotation to reduce wind erosion	IRCCR wind erosion	ac	$5.43
E328102R	Resource conserving crop rotation to reduce wind erosion	RCCR wind erosion	ac	$15.20
E328102Z	Conservation crop rotation on recently converted CRP grass/legume cover for wind erosion	CRP trans crop rotation-wind erosion	ac	$3.26
E328106I	Improved resource conserving crop rotation for soil organic matter improvement	IRCCR for SOM improvement	ac	$5.43
E328106R	Resource conserving crop rotation for soil organic matter improvement	RCCR for SOM improvement	ac	$15.20
E328106Z1	Soil health crop rotation	Soil health crop rotation	ac	$5.43
E328106Z2	Modifications to improve soil health and increase soil organic matter	Mod to improve SH and SOM	ac	$10.22
E328106Z3	Conservation crop rotation on recently converted CRP grass/legume cover for SOM improvement	CRP trans crop rotation-SOM	ac	$5.43
E328107I	Improved resource conserving crop rotation to improve soil compaction	IRCCR to improve soil compaction	ac	$5.43
E328107R	Resource conserving crop rotation to improve soil compaction	RCCR to improve soil compaction	ac	$15.20
E328109Z	Conservation crop rotation to reduce the concentration of salts	Rotate to reduce salt concentration	ac	$4.34
E328134I	Improved resource conserving crop rotation to relieve plant pest pressure	IRCCR to relieve plant pest pressure	ac	$5.43
E328134R	Resource conserving crop rotation to relieve plant pest pressure	RCCR to relieve plant pest pressure	ac	$15.20
E329101Z	No till to reduce water erosion	No till to reduce water erosion	ac	$3.26
E329102Z	No till system to reduce wind erosion	No till system to reduce wind erosion	ac	$3.26
E329106Z	No till system to increase soil health and soil organic matter content	No till system to increase SH and SOM	ac	$4.34
E329114Z	No till to increase plant-available moisture: irrigation water	No till for IWM	ac	$3.26
E329115Z	No till to increase plant-available moisture: moisture management	No till for moisture mgmt	ac	$3.26
E329128Z	No till to reduce tillage induced particulate matter	No till to reduce PM	ac	$3.26

Code	Practice	Component	Units	Unit Cost
E329144Z	No till to reduce energy	No till to reduce energy	ac	$4.34
E334107Z	Controlled traffic farming to reduce compaction	Controlled traffic for compaction	ac	$7.86
E338134Z	Strategic patch burning for grazing distribution/wildlife habitat (undesirable plant pressure)	Patch burning-plant pest pressure	ac	$8.27
E338135Z	Strategically planned, patch burning for grazing distribution and wildlife habitat (fuel loading)	Patch burning-fuel loading	ac	$8.27
E338137Z1	Sequential patch burning	Sequential patch burning	ac	$180.33
E338137Z2	Short-interval burn	Short-interval burn	ac	$57.39
E338140Z	Short-interval prescribed burning to promote a healthy herbaceous plant community	Short-interval prescribed burning	ac	$92.71
E340101Z	Cover crop to reduce water erosion	Cover crop to reduce water erosion	ac	$8.02
E340102Z	Cover crop to reduce wind erosion	Cover crop to reduce wind erosion	ac	$8.02
E340106Z1	Intensive cover cropping to increase soil health and soil organic matter content	Cover cropping for SH and SOM	ac	$12.61
E340106Z2	Use of multi-species cover crops to improve soil health and increase soil organic matter	Multi-species cover crops	ac	$12.47
E340106Z3	Intensive cover cropping (orchard/vineyard floor) to increase soil health and SOM content	Cover cropping for orchards/vineyards	ac	$11.32
E340106Z4	Use of SHA to assist with development of cover crop mix to improve soil health and increase SOM	Soil health assessment	ac	$14.85
E340107Z	Cover crop to minimize soil compaction	Cover crop to minimize soil compaction	ac	$10.88
E340118Z	Cover crop to reduce water quality degradation by utilizing excess soil nutrients-surface water	Cover crop for WQ nutrients-runoff	ac	$10.88
E340119Z	Cover crop to reduce water quality degradation by utilizing excess soil nutrients-ground water	Cover crops for WQ nutrients-drainage	ac	$10.88
E340134Z	Cover crop to suppress excessive weed pressures and break pest cycles	Cover crops for suppression	ac	$11.32
E345101Z	Reduced tillage to reduce water erosion	Reduced tillage to reduce water erosion	ac	$4.34
E345102Z	Reduced tillage to reduce wind erosion	Reduced tillage to reduce wind erosion	ac	$3.26
E345106Z	Reduced tillage to increase soil health and soil organic matter content	Reduced tillage for SH and SOM	ac	$4.34
E345114Z	Reduced tillage to increase plant-available moisture: irrigation water	Reduced tillage for IWM	ac	$3.26
E345115Z	Reduced tillage to increase plant-available moisture: moisture management	Reduced tillage for moisture mgmt	ac	$3.26
E345128Z	Reduced tillage to reduce tillage induced particulate matter	Reduced tillage to reduce PM	ac	$3.26
E345144Z	Reduced tillage to reduce energy use	Reduced tillage to reduce energy use	ac	$3.26

Code	Practice	Component	Units	Unit Cost
E374144Z1	Install variable frequency drive(s) on pump(s)	Variable frequency drives	BHP	$247.72
E374144Z2	Switch fuel source for pump motor(s)	Switch fuel source for pump motor(s)	HP	$7,942.13
E376128Z	Modify field operations to reduce particulate matter	Mod field ops to reduce PM	ac	$3.26
E381133Z	Silvopasture for wildlife habitat (structure and composition)	Silvopasture-structure and comp	ac	$85.73
E381137Z	Silvopasture for wildlife habitat (cover and shelter)	Silvopasture for wildlife habitat-food	ac	$89.97
E382136Z	Incorporating "wildlife friendly" fencing for connectivity of wildlife food resources	Wildlife friendly fence for food access	ft	$0.15
E383135Z	Grazing-maintained fuel break to reduce the risk of fire	Grazed fuel break	ac	$258.01
E384135Z	Biochar production from woody residue	Biochar production from woody residue	ac	$4,814.99
E386101Z	Enhanced field borders to reduce water induced erosion along the edge(s) of a field	Field borders to reduce water erosion	ac	$714.04
E386102Z	Enhanced field borders to reduce wind induced erosion along the windward side(s) of a field	Field borders to reduce wind erosion	ac	$714.04
E386106Z	Enhanced field borders to increase carbon storage along the edge(s) of the field	Field borders to increase carbon storage	ac	$714.04
E386128Z	Enhanced field borders to decrease particulate emissions along the edge(s) of the field	Field borders to decrease particulates	ac	$714.04
E386136Z	Enhanced field border to provide wildlife food for pollinators along the edge(s) of a field	Field border to provide wildlife food	ac	$714.04
E386137Z	Enhanced field border to provide wildlife cover or shelter along the edge(s) of a field	Field border to provide wildlife cover	ac	$714.04
E386139Z	Enhanced field border to provide wildlife habitat continuity along the edge(s) of a field	Field border to provide continuity	ac	$714.04
E390118Z	Increase riparian herbaceous cover width for nutrient reduction	Riparian herbaceous cover-nut reduction	ac	$573.68
E390126Z	Increase riparian herbaceous cover width to reduce sediment loading	Riparian herbaceous cover-sed loading	ac	$573.68
E390136Z	Increase riparian herbaceous cover width to enhance wildlife habitat	Riparian herbaceous cover-habitat	ac	$768.87
E391118Z	Increase riparian forest buffer width for nutrient reduction	Riparian forest buffer-nut reduction	ac	$1,753.99
E391126Z	Increase riparian forest buffer width to reduce sediment loading	Riparian forest buffer-sed loading	ac	$1,778.27
E391127Z	Increase stream shading for stream temperature reduction	Shade stream to reduce temp	ac	$1,778.27
E391136Z	Increase riparian forest buffer width to enhance wildlife habitat	Riparian forest buffer-habitat	ac	$1,778.27
E393118Z	Extend existing filter strip to reduce excess nutrients in surface water	Extend filter strips- nut runoff	ac	$931.18
E393122Z	Extend existing filter strip to reduce excess pathogens and chemicals in surface water	Extend filter strips-pathogen runoff	ac	$931.18

Code	Practice	Component	Units	Unit Cost
E393126Z	Extend existing filter strip to reduce excess sediment in surface water	Extend filter strips-sediment	ac	$931.18
E395137X	Stream habitat improvement through placement of woody biomass	Stream habitat improvement with wood	ac	$21,654.12
E449114Z5	Complete pumping plant evaluation for all existing pumps on a farm.	Pumping Plant Evaluation	ac	$6.09
E449114Z6	Automated Intermittent flood irrigation of rice fields, Year 2-5	Automated Intermittent flood irrigation of rice fields, Year 2-5	ac	$30.81
E449114Z7	Advanced Automated IWM - Year 2-5, Soil moisture is monitored, recorded and used in decision making	Advanced Automated IWM - Year 2-5, soil moisture monitoring	ac	$22.36
E449114Z8	Advanced Automated IWM - Year 1 - Equipment and soil moisture is monitored, recorded and used in dec	Advanced Automated IWM - Year 1 Equipment and soil moisture monitoring	ac	$57.95
E484106Z	Mulching to improve soil health	Mulching to improve soil health	ac	$2.17
E511137Z1	Harvest of crops (hay or small grains) using measures that allow desired species to flush or escape	Harvest using wildlife friendly methods	ac	$4.17
E511137Z2	Forage harvest management that helps maintain or improve wildlife habitat (cover and shelter)	FHM for cover and shelter	ac	$4.67
E511139Z2	Forage harvest management that helps maintain wildlife habitat continuity (space)	FHM for habitat space continuity	ac	$4.17
E512101Z2	Forage and biomass planting for water erosion to improve soil health	Forage planting for SH	ac	$14.56
E512106Z2	Forage plantings that can help increase organic matter in depleted soils	Forage planting for SOM	ac	$14.68
E512132Z1	Forage and biomass planting that produces feedstock for biofuels or energy production	Forage planting for feedstocks	ac	$36.39
E512132Z2	Native grasses or legumes in forage base to improve plant productivity and health	Native grasses/legumes-plant health	ac	$21.56
E512133Z1	Native grasses or legumes in forage base to improve plant community structure and composition	Native grasses/legumes-structure/comp	ac	$55.48
E512133Z2	Forage plantings that enhance bird habitat (structure and composition)	Forage planting for structure/comp	ac	$74.62
E512136Z1	Establish pollinator and/or beneficial insect food habitat	Establish pollinator habitat-food	ac	$57.72
E512136Z2	Native grass or legumes in forage base to provide wildlife food	Native grasses/legumes-wildlife food	ac	$57.72
E512137Z	Forage plantings that enhance bird habitat (cover and shelter)	Forage planting for cover and shelter	ac	$74.62
E512138Z	Establish wildlife corridors to enhance access to water	Corridors for water access	ac	$26.43
E512139Z1	Establish wildlife corridors to provide habitat continuity	Corridors for habitat continuity	ac	$25.18
E512139Z2	Establish pollinator and/or beneficial insect habitat continuity (space)	Establish pollinator habitat-space	ac	$58.80
E512139Z3	Establish Monarch butterfly habitat in pastures	Establish Monarch Butterfly Habitat in pastures	ac	$58.80
E512140Z	Native grasses or legumes in forage base	Native grasses or legumes in forage base	ac	$54.18

Code	Practice	Component	Units	Unit Cost
E528101Z	Improved grazing management for water erosion through monitoring activities	Grazing mgmt for water erosion	ac	$2.01
E528102Z	Improved grazing management for wind erosion through monitoring activities	Grazing mgmt for wind erosion	ac	$2.01
E528104Z	Grazing management that protects sensitive areas from gully erosion	Grazing mgmt-sensitive areas-erosion	ac	$1.63
E528105Z	Prescribed grazing that improves or maintains riparian and watershed function-erosion	Prescribed grazing-erosion	ac	$9.38
E528107Z1	Improved grazing management for soil compaction through monitoring activities	Grazing mgmt to improve compaction	ac	$7.88
E528107Z2	Improved grazing management for soil compaction on rangeland through monito	Grazing mgmt-compaction on rangeland	ac	$2.01
E528118Z1	Prescribed grazing that maintains/improves riparian/watershed function impairment from nutrients	Prescribed grazing-nut runoff	ac	$15.13
E528118Z2	Grazing management that protects sensitive areas-surface water from nutrients	Grazing mgmt-sensitive areas-nut runoff	ac	$1.79
E528119Z	Grazing management that protects sensitive areas-ground water from nutrients	Grazing mgmt-sensitive area-nut sub water	ac	$1.79
E528122Z	Prescribed grazing that maintains/improves riparian/watershed function-pathogens/chemicals	Prescribed grazing-pathogens	ac	$15.13
E528126Z	Prescribed grazing that maintains/improves riparian/watershed function-min sediment in surface water	Prescribed grazing-sediment	ac	$13.44
E528127Z	Prescribed grazing that improves or maintains riparian/watershed function-elevated water temperature	Prescribed grazing-water temp	ac	$1.63
E528132Z1	Improved grazing mgmt for plant productivity/health through monitoring	Grazing mgmt-plant health	ac	$9.52
E528132Z2	Stockpiling cool season forage to improve plant productivity and health	Stockpile cool season forage-plant prod	ac	$23.46
E528132Z3	Improved grazing management for plant productivity/health through monitoring	Gazing mgmt-plant health	ac	$2.01
E528133Z1	Stockpiling cool season forage to improve structure and composition.	Stockpile cool season forage-structure	ac	$23.46
E528133Z2	Grazing management for improving quantity/quality of plant structure/composition for wildlife	Grazing mgmt-structure for wildlife	ac	$2.98
E528133Z3	Improved grazing management for plant structure and composition through monitoring activities	Grazing mgmt-structure	ac	$2.01
E528134Z	Improved grazing management that reduces undesirable plant pest pressure through monitoring	Grazing mgmt-pest pressure	ac	$2.01
E528136Z1	Grazing management for improving quantity and quality of food for wildlife	Grazing mgmt-food	ac	$0.50
E528136Z2	Incorporating wildlife refuge areas in contingency plans for wildlife food	Add wildlife refuge area-food	ac	$15.98

Code	Practice	Component	Units	Unit Cost
E528136Z3	Grazing management that improves Monarch butterfly habitat	Grazing mgmt-Monarch	ac	$8.74
E528137Z1	Grazing management for improving quantity and quality of cover and shelter for wildlife	Grazing mgmt-shelter	ac	$0.50
E528137Z2	Incorporating wildlife refuge areas in contingency plans for prescribed grazing-cover/shelter	Add wildlife refuge area-shelter	ac	$15.98
E528138Z	Incorporating wildlife refuge areas in contingency plans for prescribed grazing-water access	Add wildlife refuge area-water	ac	$15.98
E528140Z1	Maintaining quantity and quality of forage for animal health and productivity	Maintain forage quantity and quality	ac	$3.79
E528140Z2	Incorporating wildlife refuge areas in contingency plans for livestock feed and forage	Add wildlife refuge area-forage	ac	$2.69
E550106Z	Range planting for increasing/maintaining organic matter	Range planting for SOM	ac	$41.23
E550136Z	Range planting for improving forage, browse, or cover for wildlife	Range planting for wildlife	ac	$97.37
E554138X	Extend the periods of soil saturation or shallow ponding for wildlife	Extend saturation/ponding period	ac	$8.89
E578139X	Stream crossing elimination	Stream crossing elimination	Ea	$8,114.71
E580105Z	Stream corridor bank stability improvement	Stream bank stability improvement	ac	$1,919.76
E580137Z	Stream corridor bank vegetation improvement	Stream corridor bank veg improvement	ac	$1,919.76
E590118X	Reduce risks of nutrient losses to surface water by utilizing precision ag technologies	Precision ag for nut reduction	ac	$16.53
E590118Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to surface water	Nut mgmt for surface water	ac	$11.00
E590119X	Reduce risks of nutrient losses to ground water by utilizing precision agriculture technologies to p	Prec Ag reduce nut in groundwater	ac	$16.53
E590119Z	Improving nutrient uptake efficiency and reducing risk of nutrient losses to groundwater	Nut mgmt for groundwater	ac	$11.00
E590130Z	Improving nutrient uptake efficiency and reducing risks to air quality - emissions of GHGs	Nut mgmt for GHGs	ac	$11.00
E595116X	Reduce risk of pesticides in surface water by utilizing precision pesticide application techniques	Pest mgmt for surface water	ac	$13.22
E595116Z	Reduce risk of pesticides in surface water by utilizing IPM PAMS techniques	IPM PAMS techniques	ac	$7.63
E595116Z2	Reducing routine neonicotinoid seed treatments on corn and soybean crops.	Reducing routine seed treatments	ac	$5.43
E595129Z	Reduce ozone precursor emissions related to pesticides by utilizing IPM PAMS techniques	IPM PAMS techniques for ozone reduction	ac	$7.63
E612126Z	Cropland conversion to trees or shrubs for long term improvement of water quality	Convert crop to trees-WQ	ac	$751.89

Code	Practice	Component	Units	Unit Cost
E612130Z	Planting for high carbon sequestration rate	Planting for high carbon sequestration	ac	$917.70
E612132Z	Establishing tree/shrub species to restore native plant communities	Tree/shrubs-restore native communities	ac	$637.24
E612133X1	Adding food-producing trees and shrubs to existing plantings	Adding food-producing trees and shrubs	ac	$166.95
E612133X2	Cultural plantings	Cultural plantings	ac	$1,397.06
E612133X3	Sugarbush management	Sugarbush management	ac	$676.50
E612136Z	Tree/shrub planting for wildlife food	Tree/shrub planting for wildlife food	ac	$1,322.13
E612137Z	Tree/shrub planting for wildlife cover	Tree/shrub planting for wildlife cover	ac	$1,322.13
E643132X	Restoration of sensitive coastal vegetative communities	Restore sensitive coastal veg community	Ea	$125.90
E643139X	Creating native plant refugia	Creating native plant refugia	ft	$7.87
E644136Z	Managing Flood-Irrigated Landscapes for Wildlife	Manage flood irrigated landscape for wildlife food	ac	$25.51
E645137Z	Reduction of attractants to human-subsidized predators in sensitive wildlife species habitat	Reduce human-subsidized predators	ac	$86.26
E646136Z1	Close structures to capture/retain rainfall to improve food for waterfowl/wading birds during winter	Close structures to improve food	ac	$28.13
E646136Z2	Extend retention of rainfall to provide food for late winter habitat	Extend retention - food	ac	$33.13
E646136Z3	Shorebird habitat, late season shallow water with manipulation to improve food sources	Late season shallow water - food	ac	$53.93
E646136Z4	Shorebird habitat, extended late season shallow water with manipulation to improve food sources	Extended late season shallow water-food	ac	$59.98
E646137X	Renovate small, shallow pothole and playa sites which may seasonally hold water	Shallow water development and management	ac	$1,782.10
E646137Z1	Close structures to capture and retain rainfall to improve cover and shelter for birds during winter	Close structures during winter.	ac	$28.13
E646137Z2	Extend retention of captured rainfall to provide late winter water habitat	Extend retention-cover and shelter	ac	$33.13
E646137Z3	Shorebird habitat, late season shallow water with manipulation to improve cover and shelter	Late season shallow water - cover	ac	$53.93
E646137Z4	Extended late season shallow water with manipulation to improve cover and shelter	Extended late season shallow water-cover	ac	$59.98
E646138Z1	Close structures to capture and retain rainfall to provide water for birds during winter	Close structures to provide water	ac	$28.13
E646138Z2	Extend retention of captured rainfall to provide late winter water habitat	Extend winter water habitat	ac	$33.13
E646138Z3	Shorebird habitat, late season shallow water with manipulation	Late season shallow water	ac	$53.93
E646138Z4	Shorebird habitat, extended late season shallow water with manipulation	Extended late season shallow water	ac	$59.98

Code	Practice	Component	Units	Unit Cost
E646139Z1	Close structures to capture and retain rainfall for birds to improve habitat continuity	Close structures - habitat continuity	ac	$28.13
E646139Z2	Extend retention of captured rainfall to provide habitat continuity during late winter	Extend retention - habitat continuity	ac	$33.13
E646139Z3	Shorebird habitat, late season shallow water with manipulation to enhance habitat continuity	Late season shallow water-continuity	ac	$53.93
E646139Z4	Shorebird habitat, extended late season shallow water with manipulation - habitat continuity	Extended late season water-continuity	ac	$59.98
E647136Z1	Manipulate vegetation on fields where rainfall is to be captured and retained-food	Manipulate veg for food	ac	$23.65
E647136Z2	Provide early successional habitat between first rice crop and ratoon crop-food	Ratoon crop food sources	ac	$23.65
E647136Z3	Establish and maintenance of moist soil vegetation on cropland edges to increase wildlife food	Moist soil vegetation-food	ac	$11.57
E647137Z1	Manipulate vegetation on fields where rainfall is to be captured and retained-cover/shelter	Manipulate veg for cover/shelter	ac	$23.65
E647137Z2	Establish and maintenance of moist soil vegetation on cropland edges to increase cover/shelter	Moist soil vegetation-cover/shelter	ac	$11.57
E647139Z1	Establish/maintain habitat continuity, naturally occurring vegetation in ditches/ditch bank borders	Naturally occurring veg in ditches	ac	$11.57
E647139Z2	Provide early successional habitat between first rice crop and ratoon crop-continuity	Ratoon crop-continuity	ac	$23.65
E666106Z1	Implementing sustainable practices for pine straw raking	Sustainable pine straw raking	ac	$154.75
E666106Z2	Maintaining and improving forest soil quality	Maintain/improve forest SQ	ac	$43.20
E666107Z	Maintaining and improving forest soil quality by limiting compaction	Maintain/imrove forest compaction	ac	$43.20
E666115Z1	Converting loblolly and slash pine plantations to longleaf pine to retain soil moisture	Convert to longleaf pine-soil moisture	ac	$129.22
E666115Z2	Enhance development of the forest understory to improve site moisture	Forest understory to improve moisture	ac	$248.16
E666118Z	Enhance development of the forest understory to capture nutrients in surface water	Understory-nutrients in surface water	ac	$248.16
E666119Z	Enhance development of the forest understory to capture nutrients -ground water	Understory-nutrients in ground water	ac	$248.16
E666130Z	Increase on-site carbon storage	Increase on-site carbon storage	ac	$14.11
E666132Z1	Crop tree management for mast production	Crop tree management for mast production	ac	$361.95
E666132Z2	Reduce forest stand density to improve a degraded plant community	Forest density-degraded plant community	ac	$283.65

Code	Practice	Component	Units	Unit Cost
E666133X	Forest Stand Improvement to rehabilitate degraded hardwood stands	FSI-structure/composition in hardwoods	ac	$513.55
E666133Z1	Creating structural diversity with patch openings	Structural diversity with patch openings	ac	$526.17
E666133Z2	Converting loblolly and slash pine plantations to longleaf pine with FSI and prescribed burning	Convert to longleaf pine-FSI and burning	ac	$129.22
E666134Z	Enhance development of the forest understory to create conditions resistant to pests	Forest understory-resistant to pests	ac	$248.16
E666135Z1	Reduce height of the forest understory to limit wildfire risk	Forest understory-limit wildfire risk	ac	$248.16
E666135Z2	Reduce forest density and manage understory along roads to limit wildfire risk	Manage understory-limit wildfire risk	ac	$289.62
E666136Z1	Reduce forest density and manage understory along roads to improve wildlife food sources	Manage understory-wildlife food sources	ac	$289.62
E666136Z2	Reduce forest stand density to improve wildlife food sources	Stand density-wildlife food sources	ac	$283.65
E666136Z3	Create patch openings to enhance wildlife food sources and availability	Patch openings-food and availability	ac	$326.84
E666137Z1	Snags, den trees, and coarse woody debris for wildlife habitat	Snags and den trees for wildlife	ac	$57.52
E666137Z2	Summer roosting habitat for native forest-dwelling bat species	Summer roosting habitat for bats	ac	$205.33
E666137Z3	Increase diversity in pine plantation monocultures	Improve pine plantation diversity	ac	$526.17
E666137Z4	Converting loblolly and slash pine plantations to longleaf pine to enhance wildlife habitat	Convert to longleaf pine-habitat	ac	$129.22
E666137Z5	Implementing sustainable practices for pine straw raking to enhance wildlife habitat	Sustainable pine straw raking-habitat	ac	$154.75
E666137Z6	Create patch openings to enhance wildlife cover and shelter	Patch openings-cover and shelter	ac	$326.84
E666137Z7	Enhance development of the forest understory to provide wildlife cover and shelter	Understory to provide cover/shelter	ac	$248.16